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**CONSTRUCTION MANAGER'S  
WEEKLY STATUS REPORT  
FOR THE WEEK  
1/15/09 – 1/21/09**

**RECONSTRUCTION OF BENNING ROAD, NE  
FROM 14<sup>TH</sup> AND H STREET TO OKLAHOMA AVENUE  
CONTRACT NO. POKA 2005 - C - 0031 – CB**

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Installed granite curbs and brick gutter and the compaction of the graded aggregate base at the 1600 Block.

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## EXECUTIVE SUMMARY

### Project Description

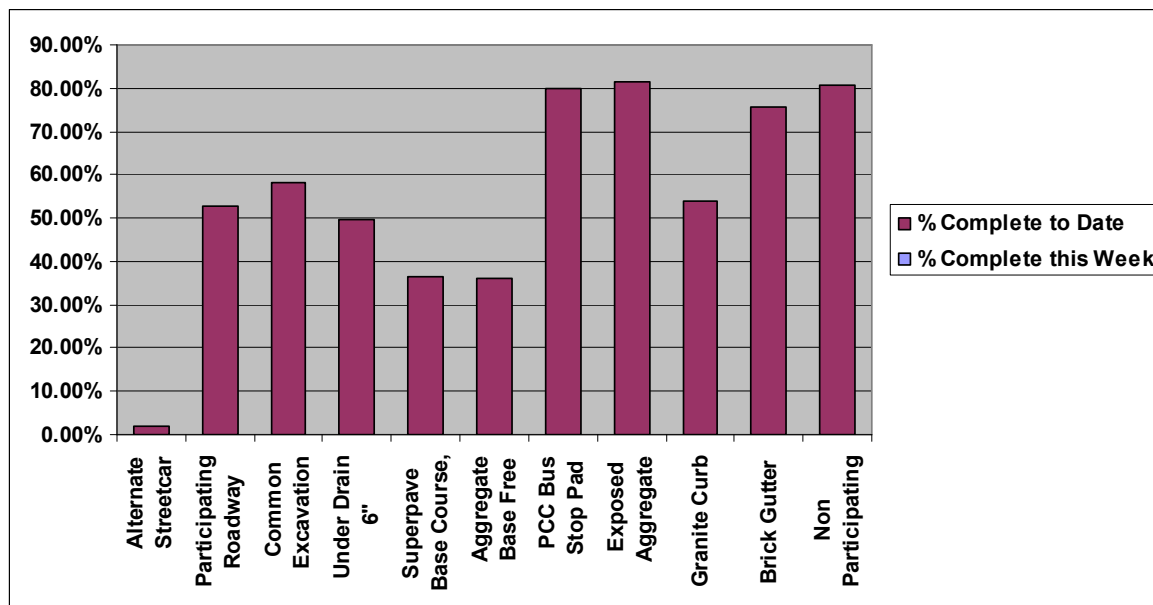
The project involves the phased reconstruction of the eastbound and westbound Benning Road, NE from 14<sup>th</sup> and H Street to Oklahoma Ave. The project also includes portions of Maryland Avenue and Bladensburg Road. Work on the project includes the following:

- Pavement Restoration with the placement of brick gutter and granite curbs adjacent to asphalt over aggregate sub base.
- Sidewalk restoration featuring exposed aggregate sidewalks surface treatment
- Safety Improvements—crosswalks, wheel chair ramps, and driveway entrances
- Streetlight and Traffic Signal Upgrades—Pedestrian level lighting, improved streetlights, upgraded traffic signal and timing
- Drainage Upgrades—New inlet basins, sewer line upgrades
- DCWASA-upgrades to water main lines
- Landscaping upgrades featuring the construction of the Starburst Plaza which will include a historical mural and multiple outdoor attractions for the neighborhood.
- Streetcar tracks: DDOT plans to install tracks from the intersection of Oklahoma Avenue and Benning Road to 3<sup>rd</sup> Street along H Street. Tracks will be installed on the eastbound and westbound lanes.
- Coordination with multiple utility companies performing construction activities within the project limits.

The total value of the contract at award to Capitol Paving of DC, Inc. is \$35,448,123.90. The notice to proceed date was December 12, 2007 with project duration of 730 calendar days for scheduled completion date of December 11, 2009.

## Progress

Percent complete for Alternate Streetcar Work, Participating Roadway and WASA work are shown in the graph below. Participating Roadway is further broken down in the following key activities: Common Excavation, Under Drain 6", 19 mm Asphalt Placement, 25 mm Free Drain Placement. Bus Stop Pads, Exposed Aggregate Sidewalk, Granite Curb and Gutter.



## Issues and Resolutions:

- Work on the Starburst Area PEPCO distribution line construction, between 14<sup>th</sup> Street and 16<sup>th</sup> started 12-8-08. The projected completion date for this work is 5/1/09. Presently, PEPCO is not maintaining the schedule due to design issues that have arisen due to the field conditions. Every day past the 5/1/09 projected completion date will result in a day claimed for further delay by CPDC.
- Progress by PEPCO on the on the Feederline Replacement work has slowed between 18<sup>th</sup> Street and 19<sup>th</sup> Street due to issues in tunneling under existing utilities. A definite completion date is uncertain at this time but was expected by 12/31/08. The expectation of the completion is extended to near the end of January 2009.

- Delays in the removal of and replacement of the northbound curb lane have resulted due to the tunneling work by PEPCO at 19<sup>th</sup> Street. Capitol began the removal and replacement of the north bound curb lane on 11/6/08. Completion and progress of this work is dependent upon the progress and completion of the PEPCO Feederline Replacement work.

## WORK PERFORMED

For the week ending January 21, 2009, the following specific construction progress has been made in the areas listed:

### 1. Thursday 1/15:

#### Benning Road:

Removal of 4 PCC Barriers and completed the setting in place of 2 attenuators for the inaugural weekend at RFK Stadium entrance on Benning Road at Oklahoma Ave. Work performed for the job site cleanup from 21<sup>st</sup> Street to 26<sup>th</sup> Street. Repair work on the safety fence from 17<sup>th</sup> Street to 19<sup>th</sup> Street. Formwork completed for the street light foundation installation at 18<sup>th</sup> Street and 19<sup>th</sup> Street. Removal and replacement of 6" ductile iron pipe and cutting of pipe at the fire hydrant at the south west corner of 17<sup>th</sup> Street. Contractor continued the repairs to the erosion/ sediment control/ stockpile removal/ and the continuation of the major site cleanup. Commencement of the demolition of the north bound curb lane on the 1800 Block.

#### Starburst Plaza:

Performance of the pressure test for the 24" ductile iron pipe.

#### PEPCO work:

Continuation of the tunneling operations at the south east corner of 19<sup>th</sup> Street. Continuation of the hand digging at the north east corner of 17<sup>th</sup> Street. Backfill work of the 24' excavation at the south east corner of 15<sup>th</sup> Street. Pumping out the excavation at the 1500 Block. Continuation of the excavation and hand digging of MH41 at Florida Ave.

### 2. Friday 1/16:

#### Benning Road:

Continuation of the repair work on the safety fence at 17<sup>th</sup> Street and the removal of all heavy equipment. Change of the traffic pattern to 3 lanes at 14<sup>th</sup> street to station 142+95. Completion of the demolition work at the 1800 Block from 17<sup>th</sup> Street to 18<sup>th</sup> Street. Installation of one 16' pole for L42 at 21<sup>st</sup> Street. Installation of one 16' cast iron pole for LB-21 at the south west corner of 16<sup>th</sup> Street.



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Starburst Plaza:

Tie-in work for the 12" ductile iron pipe for watermain "D". Flushing of the 24" ductile iron for Watermain "D". Continuation of the material/ stockpile removal and general cleanup of the area. Placement of salt on areas needed due to the freezing weather conditions.

PEPCO work:

Continuation of the tunneling work at 19<sup>th</sup> Street. Continuation of the hand-digging, site cleanup, and removal of heavy equipment to PEPCO yard. Completion of the backfill work of the 24' excavation.

**3. Saturday 1/17:**

No work completed.

**4. Sunday 1/18:**

No work completed.

**5. Monday 1/19:**

Benning Road:

Onsite erosion/ sediment control inspection of all inlet protection installed by the contractor. Photo's taken, scanned and sent to MACTEC and CPDC Project Manager. Erosion control measures are to be repaired and/ or replaced at 21 different locations throughout the project site.

**6. Tuesday 1/20:**

No work completed.

**7. Wednesday 1/21:**

Benning Road:

Installation of one 8' long mast arm, one 3 section conventional traffic signal head on a mast arm and the installation of 2-red, 2-yellow, 2 green ball LED modules at the south east corner of Oklahoma Ave. Demolition of existing bus pad and excavation work of the roadway to sub-grade between 17<sup>th</sup> Street and 18<sup>th</sup> Street.

Bladensburg Road/ 1500 Block:

Contractor began to close off the Starburst area in order to begin the installation of the equipment vault room.



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Morse Street/ Bladensburg:

Removal/ abandonment of the catch basin CB 26 A and the backfill work required. Brick and mortar work for the abandonment of the basin pipe. Performance of the chlorine test for Watermain "D".

PEPCO work:

Continuation of the tunneling work at 19<sup>th</sup> Street. Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Saw cutting and demolition work of brick gutter and the removal of two sections of granite curb and the commencement of the hand digging at PEPCO man hole #41 at Florida Ave.

Clear Channel:

Demolition of the concrete floors and the removal of the bus shelters at 31+50 Bladensburg Road and at 41+60 Maryland Ave North.

## **Utilities Reconstruction Update 1-21-09**

**PEPCO:**

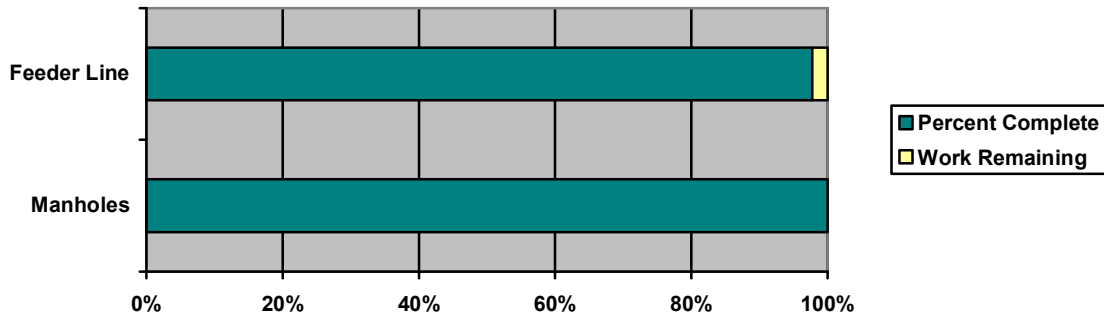
**Distribution Line Duct Bank Construction:**

Manholes Completed:	20	Total Manholes: 20	%Complete: 100%
12 Way Length Complete:	7764'	Total Length: 7764'	%Complete: 100%
14 Way Length Complete:	1619'	Total Length: 1619'	%Complete: 100%
10 Way Length Complete:	34'	Total Length: 34'	%Complete: 100%

**PEPCO Feeder Line Replacement:**

4085' total feeder	4003 feet complete	97.99% complete
6 Manholes total	6 completed	100% complete

Work has started on 9/11/08. Initial saw cutting of the roadway was completed on 9/10/08. Expected duration is 180 days. The anticipated completion date was 12/31/08. The new expected completion date is 1/30/09.

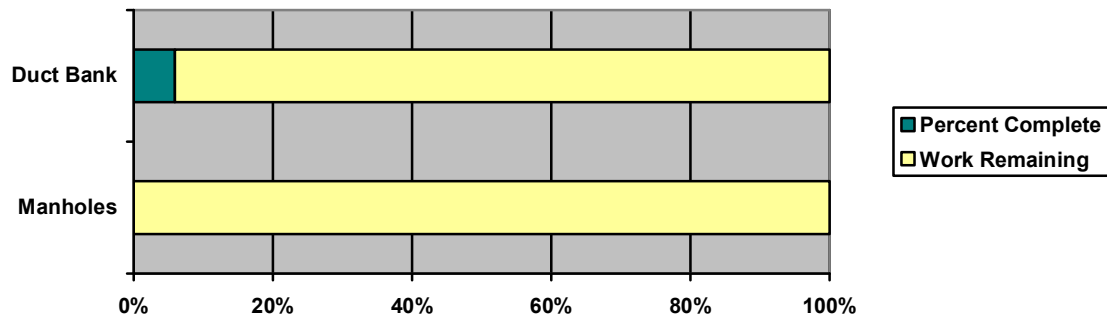


- 40 feet of feeder line was installed in the tunneling area at 19<sup>th</sup> Street, within this weekly report period.

### **Starburst Distribution Line Duct Bank Construction:**

Start: 11/24/08      Completion: 05/01/09

2363' total feet of ductbank      140 feet complete      5.92% complete  
 5 Manholes total      0 completed      0% complete



- 40 feet of duct bank construction completed within this report period.
- This activity is on a critical path and is a major concern on its completion, in order for other work by Capitol Paving to continue and be completed on time.





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### **Washington Gas:**

#### **Project Totals:**

Completed Connections:	77	Total Connections	77	%Complete:	100%
Gas Main install complete:	4615'	Total Length	4615'	%Complete:	100%

- Remaining work on Benning Road has been completed. Project total completion is 100%.
- Washington Gas will return to reconnect the offset that was put in to accommodate the PEPCO tunnel at 19<sup>th</sup> Street, upon completion of the PEPCO work in that area.

### **Clear Channel:**

Work on the removal of the two bus stops at the Starburst Plaza began on 1/21/09 as scheduled. Both bus stop shelters in the Starburst Plaza area were dismantled and removed from the site. The removal of the bus stops is required prior to the performance of work in the area. Relocation of the bus shelters will occur after initial excavation work to be performed in the starburst plaza.





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**Attachment A:**

**RECONSTRUCTION OF BENNING ROAD N.E.  
TWO WEEK LOOK AHEAD SCHEDULE  
STARTING 1-21-09 TO 2-3-09**

**Bladensburg Rd. & Morse St**

- **1-21-09 Water samples on water main D (5 Days)**

**21<sup>st</sup> & Benning Rd. to Metro Overpass**

- **1-21-09 Continue excavation, install GAB, and re-set manholes (10 Days)**

**16<sup>th</sup> to 21<sup>st</sup> St.**

- **1-21-09 Continue to re-set manholes install curb and gutter and make grade (10 Days)**

**17<sup>th</sup> & Benning Rd. SWC**

- **1-21-09 Install fire hydrant @ 17<sup>th</sup> St. (2 days)**

**Plaza Area**

- **1-21-09 Begin to close off area in preparation to install equipment vault room (10 Days)**

**Nationwide Electric Work**

- **1-21-09 Install streetlight pole foundations between 16<sup>th</sup> & 18<sup>th</sup> St. (6 Days)**
- **1-21-09 Continue to pull cable and parge manholes in various locations (10 Days)**

**North Side Pepco Restoration**

- **1-21-09 Begin roadway excavation in 1700 block (10 Days)**



Backfill and compaction work for the installation of Watermain "D" at Maryland Ave North.



Granite curb and gutter in the 1600 Block.



Backfill behind the curb and the newly installed bus stop pad at the south west corner of 17<sup>th</sup> Street.



Repainting of the roadway traffic line stripping on Benning Road.





Repair of the erosion control measures at Maryland Ave and Bladensburg Road.



Site cleanup work on Bladensburg Road North of Benning Road.